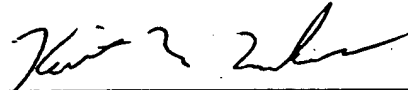


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Respectfully submitted,



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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number

10/789,209

Filing Date

FEBRUARY 27, 2004

First Named Inventor

GAILLARD, ET AL.

Group Art Unit

2822

Examiner Name

UNKNOWN

Attorney Docket Number

AMAT/2592.C9/DSM/LOW K/JW

Submission Date

1/1/05, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1				
	A2				
	A3				
	A4				
	A5				
	A6				
	A7				
	A8				
	A9				
	A10				
	A11				
	A12				
	A13				
	A14				
	A15				
	A16				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	EP 0 935 283 A2	08/11/1999	MATSUKI		
	B2	EP 0 469 926 A1	02/05/1992	FELTS		
	B3	EP 0 849 374 A2	06/24/1998	ICHIMURA		
	B4	EP 0 774 533 A2	05/21/1997	LOBODA		
	B5	WO 99/55526 A1	11/04/1999	ROSE, ET AL.		
	B6	WO 99/63591 A1	12/09/1999	ZHAO, ET AL.		

Examiner

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449B/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/789,209
		Filing Date	FEBRUARY 27, 2004
		First Named Inventor	GAILLARD, ET AL.
		Group Art Unit	2822
		Examiner Name	UNKNOWN
		Attorney Docket Number	AMAT/2592.C9/DSM/LOW K/JW
Sheet 2	of 2	Submission Date	1/14, 2005

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	European Search Report for EP 01 30 3567, dated November 4, 2004 (AMAT/2592.P3)	
	C2		
	C3		
	C4		
	C5		
	C6		
	C7		
	C8		
	C9		
	C10		
	C11		

Examiner	Date Considered
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DOCKET No.: AMAT/2592.C9/ASM/lowk, su

SERIAL No.: 10/789,209

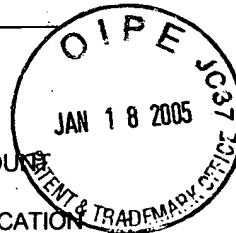
FILED: February 27, 2004

APPLICANT: Applied Materials, Inc.

INVENTOR: Gaillard, et al.

The Patent & Trademark Office acknowledges and has stamped hereon the date of receipt of the items checked below which were mailed January 14, 2005

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- ☐ BRIEF
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gaillard, et al.

Serial No.: 10/789.209

Confirmation No.: 9101

Filed: February 27, 2004

For: Method of Decreasing the K Value in SiOC Layer Deposited by Chemical Vapor Deposition

တတိယ

Group Art Unit: 2818

Examiner: David Nhu

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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37 CFR 1.8

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3/8/05 Kevin Z Zhs
Date Signature

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

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Applicants submit that all references submitted with this disclosure were first cited in a communication from a foreign patent office dated January 10, 2005, which communication is enclosed, not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

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Respectfully submitted,



Keith M. Tackett
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Facsimile: (713) 623-4846
Attorney for Applicant(s)

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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Application Number

10/789,209

Filing Date

FEBRUARY 27, 2004

First Named Inventor

GAILLARD, ET AL.

Group Art Unit

2818

Examiner Name

DAVID NHU

Attorney Docket Number

AMAT/2592.C9/DSM/LOW K/JW

Submission Date

3/8, 2005

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	BAKLI, ET AL., "Materials and Processing for .025 μ m Multilevel Interconnect," Microelectronic Engineering 33 (1997) pp. 175-188.	
	C2	BHAN, ET AL., "Deposition of Stable Low K and High Deposition Rate SiF ₄ -Doped TEOS Fluorinated Silicon Dioxide (SiOF) Films," Thin Solid Films 308-309 (1997) pp. 507-511.	
	C3	C.F. LIN, ET AL., "Improved Ozone-Tetraethoxysilane Oxide Reliability for Deep Submicron Inter-Metal Dielectric Applications by Deposition of a Silane-Based Oxide Underlayer," Thin Solid Films 308-309 (1997) pp. 621-626.	
	C4	European Search Report from European Patent Office for 99906897.6 (2592.EP), dated 01/10/2005.	
	C5		
	C6		
	C7		
	C8		
	C9		
	C10		
	C11		

Examiner

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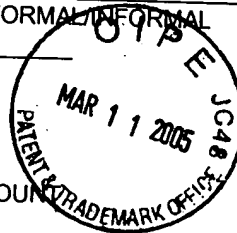


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DOCKET No.: AMAT/2592.C9/DSM/LANK/JW
SERIAL No.: 10/789,209
FILED: February 27, 2004
APPLICANT: Applied Materials, Inc.
INVENTOR: Gaillard, et al

The Patent & Trademark Office acknowledges and has stamped
hereon the date of receipt of the items checked below which were
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- ☐ _____ SHEET(S) OF DRAWING(S) FORMAL/INFORMAL
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